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Attorney Docket No. AFFYP016C1  
(client file no. 3010.2A)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of )

ROBERT J. LIPSHUTZ et al. )

Application No.: 09/939,119 )

Filed: August 24, 2001 )

For: POLYMORPHISM DETECTION )

Examiner: J. Riley

Art Unit: 1637

October 7, 2002

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on October 7, 2002.

Signed: Jacquie M. Vo  
Jacquie M. Vo

AMENDMENT B

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed April 4, 2002, please amend the application as follows.

In the Claims

Please replace the pending claims with the following:

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1. (Amended) An array of oligonucleotide probes for detecting a polymorphism in a target nucleic acid sequence using Principal Component Analysis, said array comprising at least one detection block of probes, said detection block including a first group of probes that are

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